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TITLE: MICROFIBRIL-LIKE FINE FIBROUS STRUCTURE AND ITS
MANUFACTURE

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INVENTOR-INFORMATION:

NAME

SUZUKI, MIGAKU

MORI, SHINGO

MATSUMOTO, RYOICHI

ASSIGNEE-INFORMATION:

NAME

KINOSEI MOKUSHITSU SHINSOZAI GIJUTSU

KENKYU KUMIAI

COUNTRY

N/A

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ABSTRACT:

PROBLEM TO BE SOLVED: To provide a material for antibacterial packing and for precision printing, etc., by dispersing microfibril-like fine fibers into a mixed solvent consisting of water and a water-compatible organic solvent, spreading this dispersion to form a sheet, and removing the solvent from the sheet.

SOLUTION: A method for manufacturing a thin sheet of a microfibril-like fine fiber structure comprises dispersing microfibril-like fine fibers of cellulose or a cellulose derivative, while they are in a hydrated state, into a mixed solvent consisting of water and a water-compatible organic solvent to prepare a dispersion, spreading the dispersion to form a sheet, and drying and removing from the sheet formed the solvent contained in the sheet, to obtain a very thin, air-permeable sheet. Solid particles that do not dissolve

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in the mixed
solvent may be added to the dispersion.

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